

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Effect of Vitamin E on Oxidative stress markers lipids,protein, in children suffering of idiopathic Epilepsy

#### Protocol summary

##### Summary

Aims: we studied the effect of vitamin E as an antioxidant on oxidative stress markers such as Malondialdehyde(MDA) and protein carbonyl(PC) in idiopathic epilepsy children with vitamin D deficiency. Design: Idiopathic epilepsy children were divided into two groups. One group treated with 50000 Iu vitamin D for 8 weeks and the other was treated with 100 unit vitamin E daily plus 50000 Iu vitamin D for 8 weeks. MDA and PC were measured by Spectrophotometer method. Data was analyzed by SPSS.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2015060113051N3**  
Registration date: **2015-08-03, 1394/05/12**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2015-08-03, 1394/05/12

##### Registrant information

##### Name

Javad Mohiti Ardekani

##### Name of organization / entity

Yazd University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 35 1820 3410

##### Email address

mohiti@ssu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Yazd University of Medical Sciences

##### Expected recruitment start date

2013-01-15, 1391/10/26

##### Expected recruitment end date

2014-11-14, 1393/08/23

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Effect of Vitamin E on Oxidative stress markers lipids,protein, in children suffering of idiopathic Epilepsy

##### Public title

Effect of Vitamin E on Epilepsy

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: patients aged between 2-14 years old; idiopathic epilepsy and no history of Vitamin D or E administration in last two months. Exclusion criteria: allergic diseases; mental retardation.

##### Age

From **2 years** old to **14 years** old

##### Gender

Both

##### Phase

N/A

##### Groups that have been masked

*No information*

##### Sample size

Target sample size: **30**

##### Randomization (investigator's opinion)

Randomized

##### Randomization description

##### Blinding (investigator's opinion)

Double blinded  
**Blinding description**  
**Placebo**  
Not used  
**Assignment**  
Parallel  
**Other design features**

## Secondary Ids

1  
**Registry name**  
student thesis  
**Secondary trial Id**  
1393  
**Registration date**  
1992-12-12, 1371/09/21

## Ethics committees

1  
**Ethics committee**  
**Name of ethics committee**  
Yazd University of Medical Sciences Ethic commity  
**Street address**  
Yazd University of Medical Sciences, Bahonar Sq.  
**City**  
Yazd  
**Postal code**  
**Approval date**  
2010-09-23, 1389/07/01  
**Ethics committee reference number**  
1392-245

## Health conditions studied

1  
**Description of health condition studied**  
Epilepsy  
**ICD-10 code**  
G40  
**ICD-10 code description**  
Epilepsy

## Primary outcomes

1  
**Description**  
Vitami D  
**Timepoint**  
At the beginning of the study  
**Method of measurement**  
ELISA

## Secondary outcomes

1  
**Description**  
Vitamin E  
**Timepoint**  
At the beginnig and end of the study  
**Method of measurement**  
ELSIA

## Intervention groups

1  
**Description**  
One group treated with 50000 unit vitamin D for 8 weeks and the other was treated with 100 unit vitamin E daily plus 50000 unit vitamin D for 8 weeks  
**Category**  
Treatment - Drugs

## Recruitment centers

1  
**Recruitment center**  
**Name of recruitment center**  
Shahid Sadoughi Univesity od medical Science  
**Full name of responsible person**  
Dr Mehran Karimi  
**Street address**  
yazd. Bouvar Shhid Ghandi  
**City**  
yazd

## Sponsors / Funding sources

1  
**Sponsor**  
**Name of organization / entity**  
Yazd University of Medical Sciences  
**Full name of responsible person**  
Dr. Mehrparvar  
**Street address**  
Yazd University of Medical Sciences, Bahonat Sq.  
**City**  
Yazd  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Yazd University of Medical Sciences  
**Proportion provided by this source**  
100  
**Public or private sector**  
*empty*  
**Domestic or foreign origin**  
*empty*  
**Category of foreign source of funding**  
*empty*

**Country of origin**  
**Type of organization providing the funding**  
*empty*

## Person responsible for general inquiries

### Contact

**Name of organization / entity**  
Dept of Biochemistry, Yazd University of Medical Science  
**Full name of responsible person**  
Dr Javad Mohiti  
**Position**  
PhD in Biochemistry  
**Other areas of specialty/work**  
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## Person responsible for scientific inquiries

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## Person responsible for updating data

### Contact

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**Web page address**

## Sharing plan

### Deidentified Individual Participant Data Set (IPD)

*empty*

### Study Protocol

*empty*

### Statistical Analysis Plan

*empty*

### Informed Consent Form

*empty*

### Clinical Study Report

*empty*

### Analytic Code

*empty*

### Data Dictionary

*empty*